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(19) **United States**(12) **Patent Application Publication****Cho et al.**(10) **Pub. No.: US 2017/0082982 A1**(43) **Pub. Date: Mar. 23, 2017**(54) **DISPLAY DEVICE AND SMART WATCH**(52) **U.S. Cl.**(71) Applicant: **Samsung Display Co., Ltd.**, Yongin-Si (KR)CPC **G04G 9/0064** (2013.01); **H05K 5/0017** (2013.01); **H05K 5/0069** (2013.01); **H05K 1/11** (2013.01)(72) Inventors: **Jaehyung Cho**, Suwon-si (KR);
Hae-kwan Seo, Hwaseong-si (KR);
Seongheon Cho, Yongin-si (KR);
Myungho Lee, Anyang-si (KR)

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A display device and a smart watch are disclosed. In one aspect, the display device includes a front display panel configured to display a front image in a front direction and having an edge at the perimeter that is curved. The display device also includes a side display panel that is curved and configured to display a side image in a side direction conforming to the edge of the front display panel. The display device further includes a driver circuit board connected to the front and side display panels and configured to respectively apply first and second signals, corresponding to image data, to the front and side display panels.

